

THE INNOVATIVE METROPOLIS:

**FOSTERING ECONOMIC COMPETITIVENESS THROUGH
SUSTAINABLE URBAN DESIGN**

NEW YORK CITY

HISTORY AND CONTEXT

State/Province: New York

Country: USA

Köppen Classification: Humid Subtropical

Political Adjacencies: Centrally located between Washington D.C., Boston, Providence, and Philadelphia

Land Area: 302.64 square miles

Spatial Adjacencies: Located in a naturally sheltered harbor at the mouth of the Hudson River and the Atlantic Ocean, the city is built on the three islands of Manhattan, Staten Island, and Long Island.

Municipality Population: 8,244,910

Metropolitan Population: 18,897,109

Population Density: 27,012.5/square mile

Racial Distribution: 44% White, 25.5% Black, 12.7% Asian, 17.8% other

Language: English

City Settlement Date: 1624

City Incorporation Date: 1898

Year at which Population Reached 1 Million People: 1860

POLICIES AND ORGANIZATION

Current Strategic Plan: Plan NYC, adopted in 2011

Link: http://nytelecom.vo.llnwd.net/o15/agencies/planyc2030/pdf/planyc_2011_planyc_full_report.pdf

Agents of Urban Development: New York City Department of City Planning

Link: <http://www.nyc.gov/html/dcp/>

Sustainability Plan: Plan NYC

New York City Comprehensive Waterfront Plan

Link: http://www.nyc.gov/html/dcp/pdf/cwp/vision2020_nyc_cwp.pdf

ECONOMICS

Largest Industry of Employment: Several sectors, including finance, IT, health care and biomedical, manufacturing, trade, media

Shipping: The Port of New York and New Jersey

33.9 thousand metric tons

Link: <http://www.panynj.gov/port/pdf/port-trade-statistics-bar-C2c-2011.pdf>

Air: 109 million passengers annually

Link: http://www.panynj.gov/airports/pdf-traffic/DEC2012_REG.pdf

Exchanges: New York Stock Exchange, NASDAQ

Fortune 500 Companies: 45

Contemporary Economic Engines: Banking and finance, retailing, world trade, transportation, tourism, real estate, new media as well as traditional media, advertising, legal services, accountancy, insurance, theater, fashion, the arts

Major Recent Development: Hurricane Sandy awakens city to vulnerability to weather events.

Regional Economic Partners: Partnership for New York City

Link: <http://www.pfnyc.org/>

ENVIRONMENT

Environmental Agency: NYC Environmental Protection

Link: http://www.nyc.gov/html/dep/pdf/strategic_plan/dep_strategy_2011.pdf

Water

Management: NYC Environmental Protection

Water Management Plan: Strategies 2011 - 2015

Link: http://www.nyc.gov/html/dep/pdf/strategic_plan/dep_strategy_2011.pdf

Source: Catskill Mountains watershed

Daily Usage: 1007.2 MGD

Per Capita Usage: 125.8 gallons/day

Reserves: 19 upstate storage reservoirs, 580 billion gallon capacity

Flood/Drought History: Droughts in 1963-65, 1980-82, 1985, 1989, 1991, 1995, 2002.

Waste Management

Public/Private – Department Name: Department of Sanitation

Link: <http://www.nyc.gov/html/dsny/html/home/home.shtml>

Waste Production: 50,000 tons/day

Waste Per Capita: 4.6 pounds/day; 1,679 pounds was per capita/year

Link: http://www.dec.ny.gov/docs/materials_minerals_pdf/frptbeyondwaste.pdf

Department of Sanitation Annual Report: <http://www.nyc.gov/html/dsny/downloads/pdf/pu-bininfo/annual/ar2011.pdf>

Energy

Source: Con Edison

Quantity: 50 billion kWh/year (~13 million kWh/day)

TRANSPORTATION

Major Airports: LaGuardia Airport, John F. Kennedy International Airport, Newark Liberty International Airport

Major Highways and Interstates: 11

Light Rail: Robust subway system

21 lines, 468 total system stations

Public Transportation Options: 54.6% of New Yorkers commuted to work in 2005 using mass transit.

Average Weekday Ridership: 5.3 million (2011)

Annual Ridership: 1.6 billion (2011)

Bike Plan: New York City Bicycle Master Plan, adopted 1997

Link: <http://www.nyc.gov/html/dcp/html/bike/mp.shtml>

Cars Per 1,000 people: 765

Link: <http://www.ourcitiesourselves.org/exhibition/city/new-york-ny>

QUALITY OF LIFE

Median Income: \$60,047

Link: <http://www.city-data.com/income/income-Manhattan-New-York.html>

Minimum Wage: \$7.25

Unemployment Percentage: 8.8%

Average Commute Time: 31 minutes

Link: <http://cityroom.blogs.nytimes.com/2011/09/23/worst-no-longer-describes-new-york-commuting-time/>